

WHAT IS CLAIMED IS:

1. A method of managing multimedia content created using synchronized multimedia integration language (SMIL), the method comprising:

extracting information on at least one resource file by parsing an SMIL document; and

packaging a plurality of files comprising the SMIL document and the at least one resource file into a single file using the extracted information.

2. The method of claim 1, wherein the operation of packaging comprises:

forming a header;

creating file indexing information to access the at least one resource file; and

creating an SMIL integrated file by packaging the header, the file indexing information, the SMIL document, and the at least one resource file into a single file.

3. The method of claim 2, wherein the header comprises information on the number of the plurality of files included in the SMIL integrated file and information on a length of the SMIL integrated file.

4. The method of claim 2, wherein the header comprises copyright information of at least one of the SMIL document and the at least one resource file.

5. The method of claim 2, wherein the file indexing information comprises respective name, length, and offset information of each of the plurality of files included in the SMIL integrated file.

6. The method of claim 1 further comprising:
storing a packaged SMIL integrated file.

7. The method of claim 1 further comprising:
transmitting a packaged SMIL integrated file.

8. A method of managing multimedia content created using synchronized multimedia integration language (SMIL), the method comprising:

extracting information for accessing a plurality of files included in an SMIL integrated file by parsing the SMIL integrated file;

providing an SMIL document; and

providing a predetermined resource file by referring to the information when a request for the predetermined resource file is issued.

9. The method of claim 8, wherein the operation of extracting the information comprises extracting file indexing information to access the predetermined resource file, and the operation of providing the predetermined resource file comprises providing the predetermined resource file by referring to the file indexing information.

10. The method of claim 8, wherein the operation of extracting the information comprises extracting respective name, length, and offset information of each of the plurality of files included in the SMIL integrated file, and the operation of providing the predetermined resource file comprises searching for the predetermined resource file by referring to the respective

name, length, and offset information of each of the plurality of files included in the SMIL integrated file.

11. A file system that manages multimedia content created using synchronized multimedia integration language (SMIL), the file system comprising:

a parsing unit which extracts information on at least one resource file by parsing an SMIL document to generate extracted information; and

a packaging unit which packages a plurality of files including the SMIL document and the at least one resource file into a single file using the extracted information.

12. The file system of claim 11, wherein the packaging unit creates a header using the extracted information on the at least one resource file, creates file indexing information to access the at least one resource file; and creates an SMIL integrated file by packaging the header, the file indexing information, the SMIL document, and the at least one resource file into a single file.

13. The file system of claim 12, wherein the packaging unit creates the header by inserting information on the number of the plurality of files

included in the SMIL integrated file and information on a length of the SMIL integrated file into the header.

14. The file system of claim 11, wherein the packaging unit creates a header by inserting copyright information of at least one of the SMIL document and the at least one resource file.

15. The file system of claim 12, wherein the packaging unit packages respective name, length, and offset information of each of the plurality of files included in the SMIL integrated file as the file indexing information.

16. The file system of claim 11 further comprising:

a file managing unit which stores or transmits an SMIL integrated file packaged by the packaging unit.

17. The file system of claim 11 further comprising:

a file managing unit which provides a predetermined SMIL document when there is a request for the predetermined SMIL document and provides a predetermined resource file linked to the SMIL document when there is a

request for the predetermined resource file by referring to corresponding information extracted from an SMIL integrated file by the parsing unit,

wherein the parsing unit extracts the corresponding information for accessing files included in the SMIL integrated file by parsing the SMIL integrated file.

18. The file system of claim 17, wherein the parsing unit extracts file indexing information to access the predetermined resource file, and the file managing unit searches for the predetermined resource file by referring to the file indexing information and provides the predetermined resource file.

19. The file system of claim 17, wherein the parsing unit extracts file indexing information, including respective name, length, and offset information of at least each of the plurality of files included in the SMIL integrated file, and the file managing unit searches for the predetermined resource file by referring to the name, length, and offset information of each of the plurality of files included in the SMIL integrated file and provides the predetermined resource file.